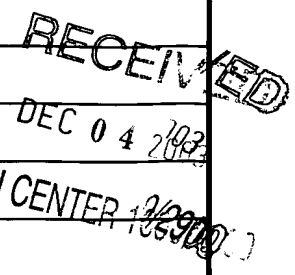


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PTO/SB/21 (12-97)  
Approval for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/880,711	
	<b>Filing Date</b>	06/12/01	
	<b>First Named Inventor</b>	Abuin	
	<b>Group Art Unit</b>	1632	
	<b>Examiner Name</b>	D. Crouch	
<b>Total Number of Pages in This Submission</b>	17	<b>Attorney Docket Number</b>	LEX-0191-USA

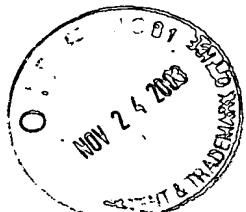


ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communications to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69)	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation	<input checked="" type="checkbox"/> Additional Enclosure(s)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	return postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request of Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Customer # 24231	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lance K. Ishimoto, Reg. No. 41,866
Signature	
Date	November 19, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 20044 on this date: November 19, 2003			
Typed or printed name	Nancy Stacey		
Signature		Date	November 19, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of: Abuin, *et al.*

Serial No.: 09/880,711

Group Art Unit: 1632

Filed: June 12, 2001

Examiner: D. Crouch

For: Novel Murine Polynucleotide  
Sequences and Mutant Cells and  
Mutant Animals Defined Thereby

Attorney Docket No.: LEX-0191-USA

RESPONSE UNDER 37 C.F.R. § 1.115

Commissioner for Patents  
Alexandria, VA 22313

Sir:

The Applicants acknowledge the receipt of the Office Action mailed on May 19, 2003 (Paper No. 12) which has been carefully reviewed and studied. The Applicants respectfully request entry of the following amendment and respectfully request reconsideration of the application in view of the following amendment and remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the issues and rejections in Paper No. 12 in the same order in which they were originally raised.

A Petition for an Extension of Time of three months to and including November 19, 2003, and authorization to deduct the fee as required under 37 C.F.R. § 1.17(a)(3) from Applicants' representatives Deposit Account are included. The response is thus timely filed. Applicants believe no fees in addition to the fee for the extension of time are due in connection with this response. However, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0892.